

MN 2000

EF 484

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Crop Pest Management Series

Annual Broadleaf Weed Seedling Identification

Oliver E. Strand, extension agronomist, and
Gerald R. Miller, extension agronomist

Agricultural Extension Service
University of Minnesota

1. Buckwheat, wild



2. Buffalobur



3. Cocklebur, common



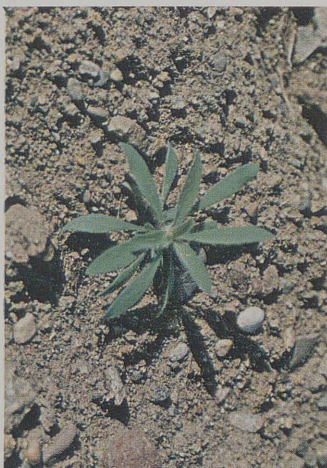
4. Lambsquarters, common



5. Marshelder



6. Kochia



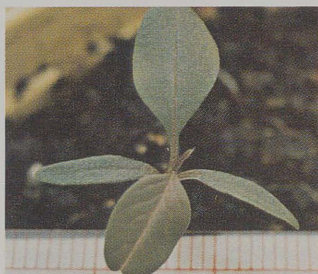
7. Mustard, wild



8. Nightshade, black



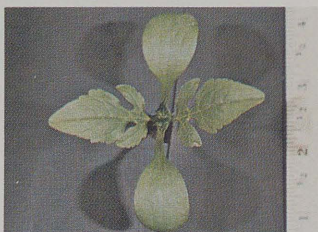
9. Pigweed



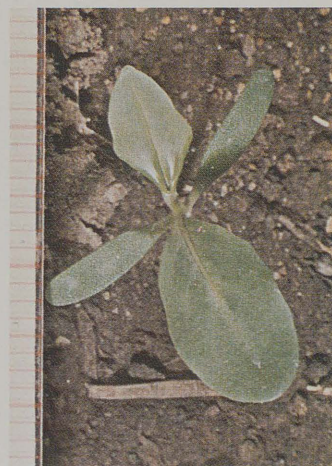
10. Ragweed, common



11. Ragweed, giant



12. Smartweed, Penn-
sylvania



13. Sunflower, wild



14. Thistle, Russian



15. Velvetleaf



(See description on back)



Descriptions of Annual Broadleaf Weed Seedlings

- | | |
|-----------------------------|---|
| 1. Buckwheat, wild | Cotyledons linear; leaves alternate, heart-shaped or triangular, leaves bear ochrea at base of petiole; plant viny or twining. |
| 2. Buffalobur | Cotyledons linear; leaves lobed, alternate, with yellow spines developing on petiole, midrib and veins; plant erect. |
| 3. Cocklebur, common | Cotyledons linear; leaves alternate, toothed, prominently veined with three main veins, ovate, rough surfaced; plant erect. |
| 6. Kochia | Cotyledons very small, oval; first leaves appear opposite, later alternate, leaves densely hairy without petioles; plant erect. |
| 4. Lambsquarters, common | Cotyledons ovate, white mealy; leaves alternate, slightly toothed, white mealy; plant erect. |
| 5. Marshelder | Cotyledons oval; leaves toothed, long petiole, opposite, bristly hairy on petioles and leaf blades; plant erect. |
| 7. Mustard, wild | Cotyledons heart-shaped; leaves toothed, hairy, alternate; plant erect. |
| 8. Nightshade, black | Cotyledons ovate; leaves alternate, ovate, dark green, veins prominent, petioles purplish; plant erect or trailing. |
| 9. Pigweed | Cotyledons linear; leaves alternate, ovate, indented at tip, midvein prominent, petioles purplish; plant erect. |
| 10. Ragweed, common | Cotyledons linear to somewhat oval, thick; leaves opposite at base of plant—alternate above—deeply lobed, rough hairy; stem densely hairy; plant erect. |
| 11. Ragweed, giant | Cotyledons ovate, large; leaves deeply three-lobed, opposite, rough surfaced; plant erect. |
| 12. Smartweed, Pennsylvania | Cotyledons linear; leaves alternate, smooth, petiole bears ochrea without fringe of hairs at top; plant erect or trailing. |
| 13. Sunflower, wild | Cotyledons oval, rough; leaves opposite at base of plant—alternate above—rough hairy, toothed; plant erect. |
| 14. Thistle, Russian | Cotyledons linear thread-like; leaves very narrow thread-like and cylindrical, first leaves appear opposite, later become alternate, leaves later become spine-tipped; plant erect. |
| 15. Velvetleaf | Cotyledons heart-shaped with blunt tips; leaves alternate, heart-shaped with toothed margins, velvety soft hairy; plants erect. |

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